

Results of the Pyrethroids Storage Stability Study in Frozen Sediment

Specifications:

Sediment was spiked at 0.50 ppb each analyte; QC spike level was 0.03 ppb

Chemist: Jane White

Lab: California Department of Food and Agriculture, Center for Analytical Chemistry

Date: December 2002.

Bifenthrin

Day	Rep #1 Rec	Rep #2 Rec	Rep #3 Rec	Rep #4 Rec	Mean Recovery	QC
0	103	105	110	105	106	105
3	94	97.0	106	105	101	94.0
9	104	103	100	111	105	104
16	108	99.0	97.0	75.0	94.8	94.0
30	108	97.0	100	103	102	82.0

Lambda Cyhalothrin

Day	Rep #1 Rec	Rep #2 Rec	Rep #3 Rec	Rep #4 Rec	Mean Recovery	QC
0	111	112	121	114	115	113
3	104	108	119	119	113	104
9	108	107	102	116	108	108
16	131	120	116	50.0	104	119
30	114	100	105	108	107	89.0

Permethrin (cis & trans)

Day	Rep #1 Rec	Rep #2 Rec	Rep #3 Rec	Rep #4 Rec	Mean Recovery	QC
0	93	90	99	93	93.8	96.0
3	89	90.0	101.0	101	95.3	89.0
9	100	97	91	104	98.0	102
16	103	95.0	89.0	72.0	89.8	90.0
30	103	94.0	97.0	102	99.0	82.0

Cyfluthrin 1-4

Day	Rep #1 Rec	Rep #2 Rec	Rep #3 Rec	Rep #4 Rec	Mean Recovery	QC
0	113	112	123	114	116	110
3	108	116	132	138	124	105
9	104	102	96	111	103	98.0
16	125	113	107	83.0	107	104
30	113	98.0	104	108	106	84.0

Cypermethrin 1-4

Day	Rep #1 Rec	Rep #2 Rec	Rep #3 Rec	Rep #4 Rec	Mean Recovery	QC
0	106	105	116	108	109	107
3	98	102	117	114	108	96.0
9	104	102	96	110	103	101
16	118	108	101	80.0	102	100
30	111	98.0	103	109	105	88.0

Fenvalerate/Esfenvalerate

Day	Rep #1 Rec	Rep #2 Rec	Rep #3 Rec	Rep #4 Rec	Mean Recovery	QC
0	114	116	125	118	118	119
3	108	118	131	131	122	112
9	105	103	94	111	103	104
16	124	114	104	83.0	106	108
30	112	98.0	106	109	106	90.0

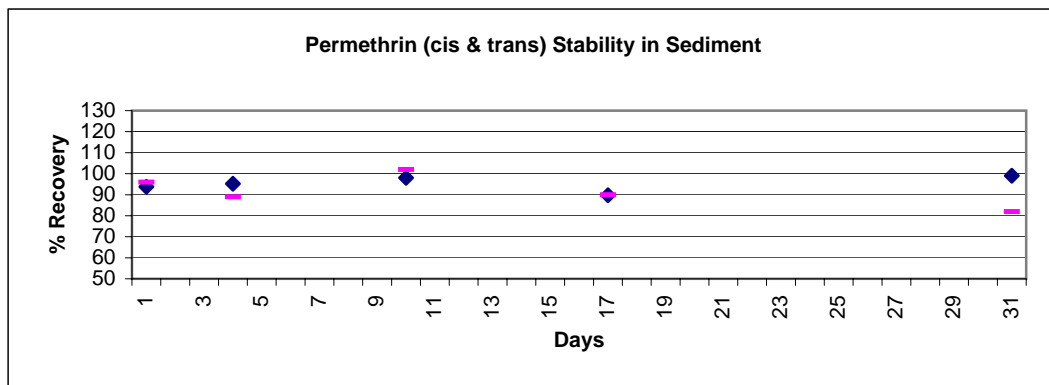
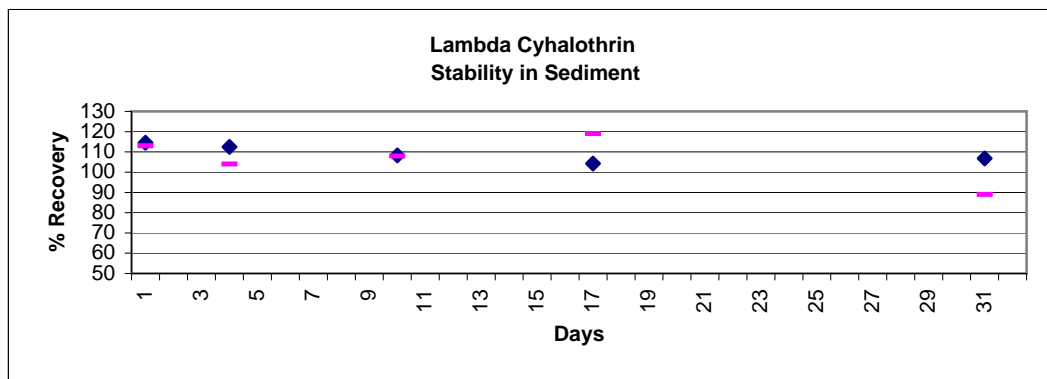
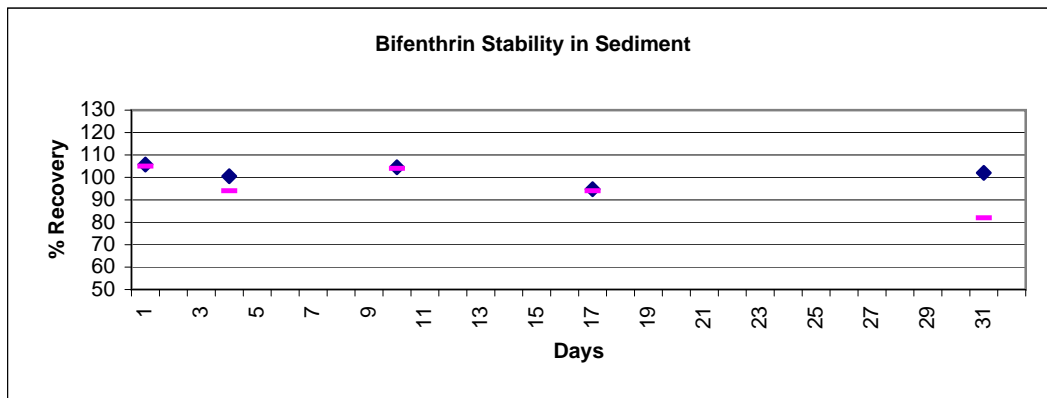
Rep=replicate spike, there were 4 per day. Rec=recovery.

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